

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: P. A. Johnson Examiner #: 61001 Date: 11/1  
 Art Unit: 163 Phone Number 30 5-4325 Serial Number: 191771576  
 Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

---

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

5 167 139

<b>STAFF USE ONLY</b>		<b>Type of Search</b>	<b>Vendors and cost where applicable</b>
Searcher:	<u>N. Johnson</u>	NA Sequence (#)	STN _____
Searcher Phone #:	<u>610-53</u>	AA Sequence (#)	Dialog <input checked="" type="checkbox"/>
Searcher Location:	<u>163-2627</u>	Structure (#)	Questel/Orbit <input checked="" type="checkbox"/>
Date Searcher Picked Up:	<u>6/7</u>	Bibliographic	Dr. Link _____
Date Completed:	<u>6/7</u>	Litigation	Lexis/Nexis <input checked="" type="checkbox"/>
Searcher Prep & Review Time:	<u>2</u>	Fulltext	Sequence Systems _____
Clerical Prep Time:	<u>1</u>	Patent Family	WWW/Internet _____
Online Time:	<u>5</u>	Other	Other (specify) _____

2/9/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat  
(c) 2001 EPO. All rts. reserv.

14047771

Basic Patent (No,Kind,Date): JP 9288260 A2 19971104 <No. of Patents: 002>

PATENT FAMILY:

JAPAN (JP)

Patent (No,Kind,Date): JP 9288260 A2 19971104  
LIQUID CRYSTAL DISPLAY DEVICE AND ITS DRIVE METHOD (English)  
Patent Assignee: SHARP KK  
Author (Inventor): TANAKA SHINYA; SHIMADA NAOYUKI; OCHI TAKASHI;  
KANAMORI KEN; KATAYAMA MIKIO  
Priority (No,Kind,Date): JP 96100073 A 19960422  
Applie (No,Kind,Date): JP 96100073 A 19960422  
IPC: \* G02F-001/133; G02F-001/136; G09G-003/36; H01L-029/786  
Derwent WPI Acc No: \* G 98-029356; G 98-029356  
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5867139 A 19990202  
LIQUID CRYSTAL DISPLAY DEVICE AND METHOD OF DRIVING THE SAME (English)  
Patent Assignee: SHARP KK (JP)  
Author (Inventor): TANAKA SHINYA (JP); SHIMADA TAKAYUKI (JP); OCHI  
TAKASHI (JP); KANEMORI YUZURU (JP); KATAYAMA MIKIO (JP)  
Priority (No,Kind,Date): JP 96100073 A 19960422  
Applie (No,Kind,Date): US 835207 A 19970407  
National Class: \* 345092000; 345093000  
IPC: \* G09G-003/36  
Derwent WPI Acc No: \* G 98-029356  
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):  
US 5867139 P 19960422 US AA PRIORITY (PATENT)  
JP 96100073 A 19960422  
US 5867139 P 19970407 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 835207 A 19970407  
US 5867139 P 19970407 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
SHARP KABUSHIKI KAISHA 22-22 NAGAIKE-CHO,  
ABENO-KU OSAKA 545, JAPAN ; TANAKA, SHINYA :  
19970328; OCHI, TAKASHI : 19970328; KATAYAMA,  
MIKIO : 19970328; SHIMADA, TAKAYUKI :  
19970328; KANEMORI, : 19970328  
US 5867139 P 19990202 US A PATENT

LEVEL 1 OF 1 PATENT

5,867,139

<=2> GET 1st DRAWING SHEET OF 8

Feb. 2, 1999

Liquid crystal display device and method of driving the same

CORE TERMS: scanning, pixel, scanning line, electrode, dummy, capacitance, display, input, liquid crystal, parasitic...

LEXIS-NEXIS  
Library: PATENT  
File: ALL

5867139 OR 5,867,139

LEXIS NEXIS  
Library: PATENT  
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5867139 OR 5,867,139

LEXIS/NEXIS  
Library: PATENT  
File: JNLS

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5867139 OR 5,867,139

LIS-NEXIS  
Library: NEWS  
File: CURNWS

Your search request has found no STORIES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

1/1 LGST (1/1) - (C) LEGSTAT  
PN - US 5867139 [US5867139]  
AP - US 835207/97 19970407 [1997US-0835207]  
DT - US-P  
ACT - 19970407 US/AE-A  
APPLICATION DATA (PATENT)  
(US 835207/97 19970407 [1997US-0835207])  
- 19970407 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
SHARP KABUSHIKI KAISHA 22-22 NAGAIKE-CHO, ABENO-KU OSAKA 545, JAPAN \*  
TANAKA, SHINYA : 19970328; OCHI, TAKASHI : 19970328; KATAYAMA, MIKIO :  
19970328; SHIMADA, TAKAYUKI : 19970328; KANEMORI, : 19970328  
- 19990202 US/A  
PATENT  
UP - 2000-05